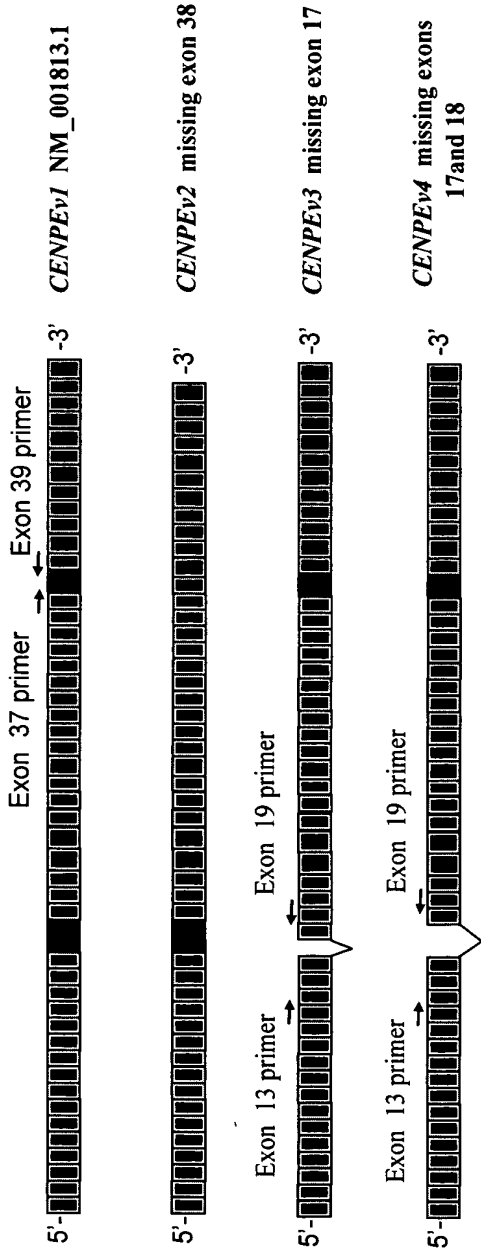


Figure 1

A. CENPE reference-form (mRNA) NM\_001813 and variants



B. CENPE splice variants (mRNA) isoform-specific junction sequence

*CENPEv1* exon 37-38 junction sequence: AAGATGAATTACAGAAAAAGATCCAAAGAACTTCAGAAAAA [SEQ ID NO 1]

*CENPEv1* exon 38-39 junction sequence: TAAGGGAAATGATAGCTAGAGACCGACAGAACCAAGT [SEQ ID NO 2]

*CENPEv2* exon 37-39 junction sequence: AAGATGAATTACAGAAAAAGGACCGACAGAACCAAGT [SEQ ID NO 3]

*CENPEv3* exon 16-18 junction sequence: AAACTAAAAAGATCAAGAGAAATGAATCAGTTCAAAAAGT [SEQ ID NO 4]

*CENPEv4* exon 16-19 junction sequence: AAACTAAAAAGATCAAGAGAAAGCAATTGAAGACCCAAA [SEQ ID NO 5]